



User Manual

Defend what you create

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Dr.Web anti-virus for Android *Light*

Version 6.00.8

User Manual

18.05.2011

Doctor Web Head Office
2-12A, 3rd str. Yamskogo polya
Moscow, Russia
125124

Web site: www.drweb.com
Phone: +7 (495) 789-45-87

Refer to the official web site for regional and international office information.

Doctor Web

Doctor Web develops and distributes Dr.Web® information security solutions which provide efficient protection from malicious software and spam.

Doctor Web customers can be found among home users from all over the world and in government enterprises, small companies and nationwide corporations.

Dr.Web anti-virus solutions are well known since 1992 for continuing excellence in malware detection and compliance with international information security standards. State certificates and awards received by the Dr.Web solutions, as well as the globally widespread use of our products are the best evidence of exceptional trust to the company products.

We thank all our customers for their support and devotion to the Dr.Web products!



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Chapter 1. Introduction

Thank you for choosing **Dr.Web for Android Light**. This anti-virus solution offers a reliable protection of the mobile phones and communicators working under the Android™ operating system from various virus threats designed specifically for mobile devices.


The program employs the most advanced developments and technologies of **Doctor Web** aimed at detection and neutralization of malicious objects which may represent a threat to the device operation and information security.

This manual is intended to help users of mobile devices to install and adjust **Dr.Web for Android Light**. It also describes all the basic functions of the application.



Document Conventions

The following conventions and symbols are used in this document:

Convention	Description
Bold	Names of buttons and other elements of the graphical user interface (GUI), and required user input that must be entered exactly as given in the guide.
Green and bold	Names of Dr.Web products and components.
<u>Green and underlined</u>	Hyperlinks to topics and web pages.
<i>Italic</i>	Placeholders which represent information that must be supplied by the user. For command-line input, it indicates parameter values. In addition, it may indicate a term in position of a definition.
CAPITAL LETTERS	Names of keys and key sequences.
	A warning about potential errors or any other important comment.



Main Features

Dr.Web for Android Light is a reliable anti-virus solution for users of mobile devices working under the Android operating system. The application protects devices from information security threats and spam by performing the following functions:

- Constant real-time protection of the file system (scanning of saved files, programs which are being installed etc).
- Scanning of the whole file system of the device or files and folders selected by user
- Scanning of the archives
- Scanning of the files on removable memory cards
- Detection of Windows autorun files
- Threats detection in the .lnk files (defined by **Dr.Web** as **Exploit.Cpllnk**)
- Deletion of the infected objects or their isolation in quarantine
- **Dr.Web virus databases** updates via Internet
- Statistics of the detected threats and performed actions, program log

Dr.Web for Android Light has user-friendly interface and easy customizable settings which help you configure all program options to set up the appropriate protection level.



Chapter 2. Installation

Dr.Web for Android Light can be installed on the mobile device directly from Android™ Market or by launching the installation file **drweb-600-android.apk**. You can also install the application using the synchronization with PC.

The program can be removed via Android™ Market or by means of the operational system of the device.

System Requirements

To install and use **Dr.Web for Android Light**, ensure your mobile device works under the Android operating system of 1.5 version or higher.

The Internet connection is also required for virus databases update procedure.

Install Program

You can install **Dr.Web for Android Light** either via Android™ Market or launch the program installation file on the device or via synchronization with PC.

Installation via Android™ Market

1. Open Android™ Market, find **Doctor Web** in the list of applications and tap **Install**.



If your mobile device does not meet the [system requirements](#), **Dr.Web for Android Light** is not displayed in the list of Android™ Market.



2. On the screen with information on the application review the required access rights. The program requires access to the following data:
 - Device storage to check the files on SD-card and save the quarantine.
 - Internet to download virus databases updates.
 - Phone calls to pause scanning on calls.
 - System tools to save system information for further sending to Technical Support in case you experience problems while working with the application.

Tap **OK**.

3. The application will be installed automatically.

For program installation without Android™ Market, you need to allow it on your device. To do this, select the **Unknown sources** check box on the **Settings** -> **Applications** screen.

Installation via launching the drweb-600-android.apk file directly on the device

1. Copy the installation file **drweb-600-android.apk** to the SD-card.



To launch the installation file on the device a file manager is required.

2. Use the file manager to find and launch the installation file.
3. The application will be installed automatically.



Installation via device synchronization with PC using special synchronization software (e.g., HTC Sync™ etc.)


1. Synchronize your device with the PC.
2. Launch the installation manager included into the synchronization software package.
3. Specify the path to the file **drweb-600-android.apk** located on the computer, then follow the instructions of the installation wizard.
4. The application will be copied to the device where you can review the information on it and confirm the installation.
5. Close the installation wizard.

Dr.Web for Android Light was successfully installed on your device and is ready to use.

Update and Uninstall Program

The program can be updated or uninstalled via Android™ Market. If you do not have an Internet connection, you can uninstall the program by means of the operating system.


Update or uninstall program via Android™ Market

1. Open Android™ Market and select **Downloads**.
2. Tap the sign of **Dr.Web for Android Light**  in the list of downloaded applications.
3. On the screen with the information on the application tap **Update** or **Uninstall**.



4. Confirm the program update/removal:
 - In case you are updating the program, the next steps are similar to the ones described in the [Install program](#) section.
 - In case you are uninstalling the program, specify the reason of the program removal and tap **OK**. The program will be removed from the device.

Uninstall program without connecting to Internet

1. Open the **Settings** -> **Applications** -> **Manage applications** screen.
2. Tap the **Dr.Web for Android Light** sign  in the list of installed applications.
3. On the screen with the information on the application tap **Uninstall**. The program will be removed from the device.
4. Tap **OK** to return to the list of the installed applications.



Quarantine and saved program log are not deleted by default. You can delete them manually from the `Android/data/com.drweb/files` folder on the SD-card.




Chapter 3. Start to Use

This section describes the interface of **Dr.Web for Android Light** and provides step-by-step procedures for launching or exiting the application.


Launch and Exit Program

To launch the application

To launch **Dr.Web for Android Light** open the **All programs** screen and tap **Dr.Web for Android Light** sign . On the first launch of the program the License agreement will open. You need to accept it to start using the program.

To exit the application

To exit **Dr.Web for Android Light** press the **Home**  button.

You can use the **Dr.Web for Android Light** sign  in the recently launched programs section to activate the application from the background operation. When you first launch **Dr.Web for Android Light**, the application opens on its main screen. When you activate the application from the background operation, the application opens on the last active screen.



Interface

On the program main screen **Dr.Web - Security Center** (see [Figure 1](#)) the current protection status is displayed. It also provides access to the following program functions:

- **SpIDer Guard** - allows to enable/disable the constant anti-virus protection.
- **Scanner** - provides the on-demand scanning of the system (3 scan types are possible: full scan, quick scan and custom scan).
- **Update** - contains information on the date of the last update and launches the program update if required.
- **Statistics** - allows to review the statistics of the detected threats and performed actions.
- **Quarantine** - allows to view and process the objects in quarantine.



Figure 1. Dr.Web - Security Center screen

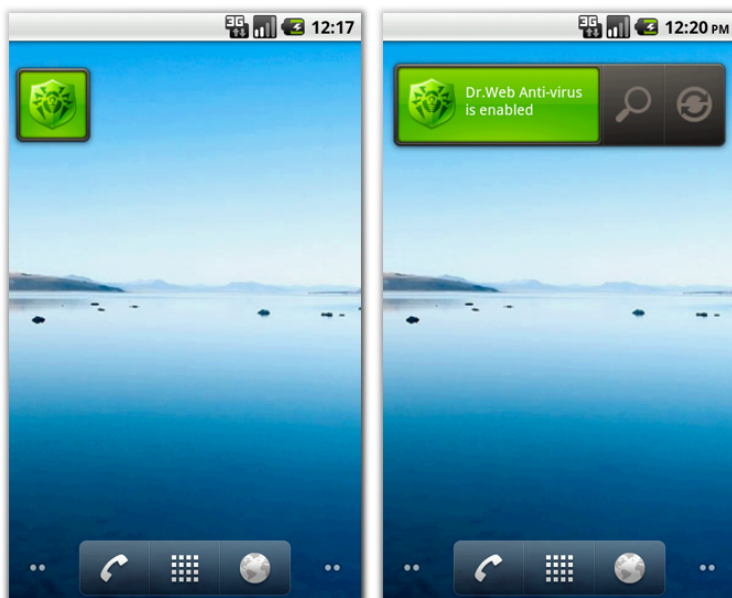


Widgets

To make the work with **Dr.Web for Android Light** easier and more convenient, you can add on your device Home Screen the special widgets which allow to manage the main program functions.

To add widget

1. Press and hold an empty area on the Home Screen until the menu of adding options appear. Alternatively, to open this menu, you can press the **Menu** button on the Home Screen and select **Add**.
2. Select **Widgets** in the list of objects types.
3. Select one of **Dr.Web for Android Light** widgets in the list:
 - **Dr.Web (small)** - displays the current protection status and allows to enable/disable the monitor **SpIDer Guard** (see [Figure 2](#)).
 - **Dr.Web (medium)** - displays the current protection status and allows to enable/disable the monitor **SpIDer Guard**, open the scanner screen and start the virus databases update (see [Figure 3](#)).



Figures 2 and 3. Dr.Web widgets



Chapter 4. Application Functions

This section describes main features of **Dr.Web for Android Light** and provides step-by-step procedures for configuring protection of your device.

You can reset the user settings of the application at any time and restore the standard settings. To do this:

- On the **Dr.Web - Security Center** screen press the **Menu** button and select **Settings**.
- Tap **Restore default settings** on the **Dr.Web - Settings** screen (see [Figure 4](#)).
- Confirm the returning to the default settings.

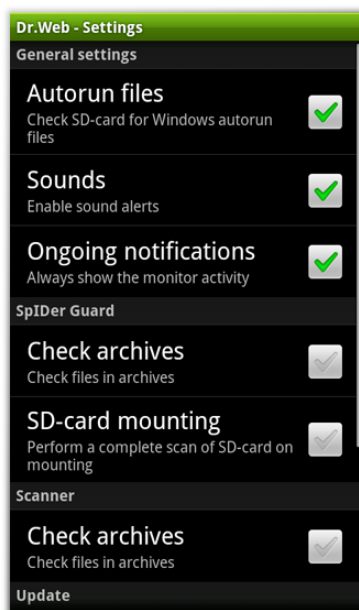


Figure 4. Dr.Web - Settings screen




Constant Anti-Virus Protection

The main function implemented in **Dr.Web for Android Light** is the ability to constantly scan the file system in real-time mode. This function is carried out by a component **SpIDer Guard** called *file monitor*. It resides in the memory of the device and checks all files as they are modified and saved.

Enable constant protection

On the first launch of the program the constant protection is disabled. To enable it, tap the monitor operation indicator button on the **SpIDer Guard** section of the **Dr.Web - Security Center** screen.

When monitor is enabled, it begins protecting the file system of the device. It remains active even if you close the application. If a security

threat is detected, the program sign  appears in the status bar on the screen as well as a popup window with notification on the threats detection. After opening the Notifications panel you can review the information on the number of the detected threats and access to the list of the threats to choose actions for their neutralization.



Monitor settings

To access the **Dr.Web for Android Light** settings, press the **Menu** button on the **Dr.Web - Security Center** screen and tap **Settings**. To configure the monitor, perform the following actions on the **SpIDer Guard** section of the **Dr.Web - Settings** screen (see [Figure 4](#)):

- To enable check of files in archives, select the **Files in archives** check box.



By default, the archives check is disabled. Enabling the check of archives can influence the system performance and increase the battery power consumption. Anyway, disabling the archives check do not decrease the protection level because the monitor checks the Android installation files (.apk) regardless of the **Files in archives** parameter value.

- To enable check of the files on the SD-card on each mounting, select the **SD-card mounting** check box.

Statistics

Dr.Web for Android Light registers the events concerning the monitor operation (enable/disable, SD-card and installed applications check results, threats detection). The program actions are displayed on the **Actions** section of the **Statistics** screen.



On-demand Scan

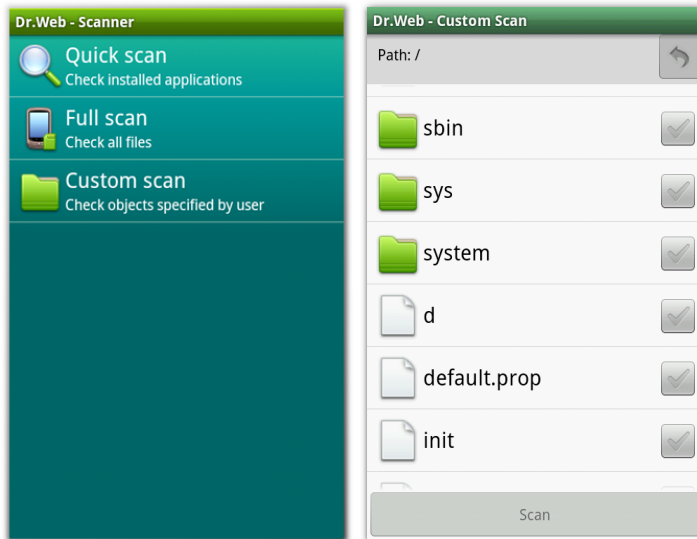
Dr.Web for Android Light provides on-demand scanning of the file system. You can perform quick or full check of the whole file system or scan the critical files and folders only. This function is performed by the Dr.Web scanner.

Scanning

To scan the system, on the **Dr.Web - Scanner** screen (see [Figure 5](#)) do one of the following actions:

- To launch only the installed applications check, tap **Quick scan**.
- To scan all the files, tap **Full scan**.
- To scan only critical files and folders, tap **Custom scan**, select the objects in the hierarchical list (see [Figure 6](#)) and then tap **Scan**.

After the scanning completes, you can review the list of detected threats and choose an action for each malicious object.



Figures 5 and 6. Scanner and Custom Scan screens



Scanner settings

To access to the scanner settings, on the **Dr.Web - Security Center** screen press the **Menu** button and tap **Settings**.

You can enable scanning of archives by selecting the **Files in archives** check box on the **Scanner** section of the **Dr.Web - Settings** screen (see [Figure 4](#)).



By default, the archives check is disabled. Enabling the check of archives can influence the system performance and increase the battery power consumption. Anyway, disabling the archives check do not decrease the protection level because the Android installation files (.apk) are scanned regardless of the **Files in archives** parameter value.

It is strongly recommended to periodically scan the system in case the monitor had not been active for some time. Usually, the quick scan is sufficient for this purpose.

Statistics

Dr.Web for Android Light registers the events concerning the scanner operation (check type and results, threats detection). The program actions are displayed on the **Actions** section of the **Statistics** screen.

Threats Neutralization

On the scan completion, **Dr.Web for Android Light** allows to choose one of the following actions for each detected threat:

- **Delete** – the threat is completely removed from the device memory;
- **Move to quarantine** – the threat is moved to a special folder where it is isolated from the rest of the system.



If a threat is detected in an installed application, it cannot be moved to quarantine. In this case the **Move to quarantine** action is missing in the list of actions.

- **Ignore** – the threat is temporarily ignored and no action is applied to it.

Update

Dr.Web for Android Light uses **Dr.Web virus databases** to detect threats. These databases contain details and signatures for all viruses and malicious programs for mobile devices known at the moment of the application release. However modern computer viruses are characterized by the evolution and modification; also new viruses sometimes emerge. Therefore, to mitigate the risk of infection, **Doctor Web** provides you with periodical updates to virus databases via Internet.

On the main screen of the program the date of the last update is displayed on the section **Update**.

Update

1. To update virus databases tap **Update** on the **Dr.Web - Security Center** screen.
2. Updating procedure will launch automatically.



It is recommended to update the virus databases on program installation to let **Dr.Web for Android Light** use the most recent information about known threats. As soon as experts of the Doctor Web Virus Laboratory discover new threats, the update for virus signatures, behaviour characteristics and attributes is issued. In some cases updates can be issued several times per hour.



Configure updates

Virus databases updates can be configured on the **Update** section of the **Dr.Web - Settings** screen (see [Figure 4](#)). You can specify the following options:

- Select the **Automatic** check box to choose the daily automatic updates. By default, the automatic update is disabled. If you prefer launching updates manually, clear this check box.
- Select the **Do not use mobile networks** check box to disable the use of the mobile networks to download the updates. If such networks are unavailable, you will be offered to use 3G or GPRS.



Updates are downloaded via Internet. You may be additionally charged by your mobile operator for the data transfer. For detailed information, contact your mobile operator.

Quarantine

Dr.Web for Android Light allows you to move the detected threats to quarantine, where they are isolated from the rest of file system and therefore cannot damage the system.

Manage files in quarantine

1. To review the list of the threats moved to quarantine, tap **Quarantine** on the **Dr.Web - Security Center** screen.
2. The list of all threats in quarantine will open (see [Figure 7](#)).
3. By tapping the threat in the list you can review the following information on it:
 - File name
 - Path to the file
 - Date of moving to quarantine

You can also open the link on the **Information on the web** section to read the detailed information on the threat on **Doctor Web** official web-site.



4. For each threat in the list one of the following action can be performed:
- **Restore** – to return the file back to the folder where it was moved from (use this action only if you are sure that the file is safe);
 - **Delete** – to completely remove the file from the device.

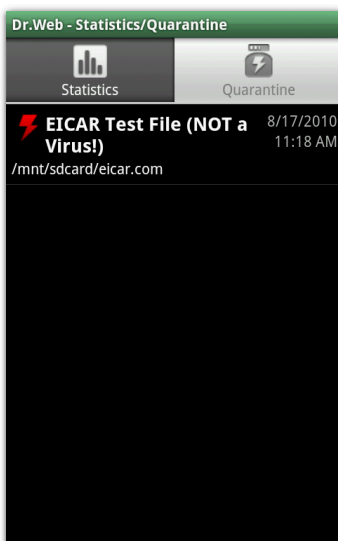


Figure 7. Quarantine

You can also review the information on the memory occupied by quarantine and on the free space on SD-card. To do this, press the **Menu** button on the **Quarantine** tab and select **Quarantine size**.

Statistics

Dr.Web for Android Light compiles the statistics of detected threats and program actions. To view the statistics, on the **Dr.Web - Security Center** screen tap **Statistics**.



The **Statistics** tab contains two following information sections (see [Figure 8](#)):

- **Total** section contains the information on the total number of scanned files, detected and neutralized threats
- **Actions** section contains the information on scanner start/stop, monitor enable/disable, detected threats and performed actions of the program

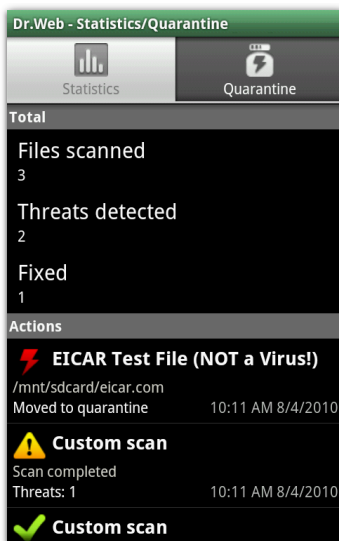


Figure 8. Statistics


You can clear the statistics. To do this, press the **Menu** button and tap **Clear statistics**.

Dr.Web for Android Light also logs the events related to its operation in a special file that can be saved on SD-card for further sending to **Doctor Web** Technical Support in case you experience troubles while using **Dr.Web for Android Light**. To save the program log press the **Menu** button on the **Statistics** tab and then tap **Save log on SD-card**. The log is saved in DrWeb_Log.txt file located in the Android/data/com.drweb/files folder on SD-card.



General Settings

To configure **Dr.Web for Android Light**, on the **Dr.Web - Security Center** screen press the **Menu** button and tap **Settings**. On the **General settings** section of the **Dr.Web - Settings** screen (see [Figure 4](#)) do the following:

- To enable the SD-card check for Windows auto run files, select the **Autorun files** check box. This option configures the real-time check performed by the monitor **SpIDer Guard**, as well as the on-demand scans.
- To enable sounds on threats detection, deletion or moving to quarantine, select the **Sounds** check box.
- To show the sign  in the status bar on monitor activity, select the **Ongoing notifications** check box.



Appendices

Appendix A. Technical Support

Support is available to customers who have purchased a commercial version of **Doctor Web** products. Visit **Doctor Web Technical Support** web site at <http://support.drweb.com/>.

If you encounter any issues installing or using company products, take advantage of the following Doctor Web support options:

- Download and review the latest manuals and guides at <http://download.drweb.com/>
- Read the frequently asked questions at <http://support.drweb.com/>
- Look for the answer in Dr.Web knowledge database at <http://wiki.drweb.com/>
- Browse the Dr.Web official forum at <http://forum.drweb.com/>

If you have not found solution for the problem, you can request direct assistance from **Doctor Web Technical Support** by filling in the web-form in the corresponding section of the support site at <http://support.drweb.com/>.

For regional office information, see the **Doctor Web** official web site at <http://company.drweb.com/contacts/moscow>.



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